

ABSTRACT

Disclosed herein is an electromagnetic apparatus for automatically and selectively supplying and shutting off
5 fluid. The electromagnetic apparatus includes a frame unit, a through unit, a coil unit, a rotor, a casing, a shaft and a casing. The frame unit is coaxially contained in the piping or a housing forming the flow path of a fluid. The through unit has one or more through holes to form one or more flow
10 paths through the frame unit. The coil unit is placed in the frame unit to generate an electromagnetic force. The rotor is placed to face the frame unit to selectively open and close the flow paths through interaction with the electromagnetic force generated in the coil unit. The shaft supports the
15 rotor, and a casing supports the frame unit and forms the appearance of the apparatus.